



# Welcome!



WEST VIRGINIA STATE  
UNIVERSITY

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**Acting Associate Vice President for Research**  
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# WVSU, Academic Programs

- Undergraduate Degree Programs

- Art
- **Biology**
- Business Administration
- **Chemistry**
- Communications
- Criminal Justice
- Economics
- Education
- English
- Health and Human Performance
- History
- International Studies
- **Math/Computer Science**

- Modern Foreign Languages
- Music
- Political Science
- Psychology
- Social work
- Sociology

- Graduate Degree Programs

- **Biotechnology**
- Criminal Justice Administration
- Public Administration
- Media Studies
- Education/Instructional Leadership

# WVSVU, Research Programs

- Agricultural and Environmental Research Station
- Chemistry: total synthesis of natural products
- Biomedical research: cancer research, tumor biology, muscle physiology
- Physics/Engineering: Meteorite impact site investigation, structural responses of high rise buildings, Rock-Sat X radiation detection
- Math/Comp Sci: Real-time embedded systems, energy-efficient computing, software/hardware codesign, cloud computing

# Instrumentation/ Research Equipment

- High –performance computing system (Stinger)

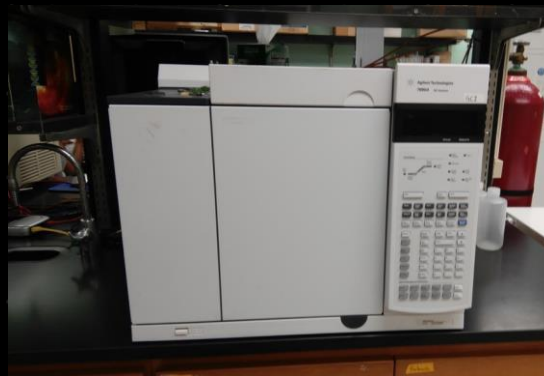
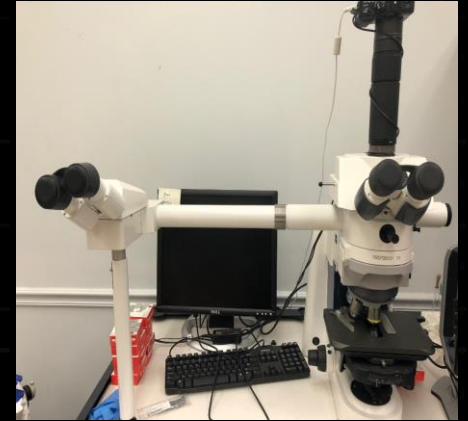




# Instrumentation/ Research Equipment

- Standard and Next-Gen Sequencing
- DNA marker amplification and validation
- Real-time PCR
- GC-Mass Spectroscopy
- NMR
- IR
- Fluorescence Microscopy
- Insect tracking
- Isoelectric protein focusing
- Thermophilic Anaerobic Digesters
- Anaerobe Growth Chamber

# Instrumentation/ Research Equipment



# WVSU Contacts

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A photograph of an astronaut in a white spacesuit working on the exterior of a spacecraft. The astronaut is holding a tool and is positioned near a large, circular hatch. The background is dark, suggesting the vacuum of space.

# Thank you!

## WVSU R&D Corporation

- 501(c)(3) Non-profit
- Over 200 grants and projects
  - NSF
  - NIH
  - DoD
  - DoE
  - USDA